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APPLICANT  
Y. TAKAHASHI, et al

FILING DATE  
February 24, 2004

GROUP  
2819

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE  | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|-------|----------------|-------|----------|-------------------------------|
| me                  | 5 7 3 7 6 1 6   | 4/98  | Watanabe       |       |          |                               |
|                     | 5 8 1 2 8 6 0   | 9/98  | Horden et al   |       |          |                               |
|                     | 6 4 6 0 1 6 8   | 10/02 | Yamamoto et al | 716   | 8        |                               |
|                     | 5 9 8 7 6 1 4   | 11/99 | Mitchell et al | 713   | 300      |                               |
|                     | 6 2 0 8 1 7 1   | 3/01  | Kumagai et al  | 326   | 121      |                               |
|                     | 6 1 6 1 1 8 7   | 12/00 | Mason et al    | 713   | 322      |                               |
|                     | 5 5 8 5 7 5 0   | 12/96 | Noguchi et al  |       |          |                               |
|                     | 5 6 7 5 8 0 8   | 10/97 | Gulick et al   |       |          |                               |
| el                  | 5 7 8 1 7 8 0   | 7/98  | Walsh et al    |       |          |                               |

FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | COUNTRY  | CLASS | SUBCLASS | ABSTRACT |
|---------------------|-----------------|------|----------|-------|----------|----------|
|                     |                 |      |          |       |          | YES NO   |
| me                  | 1 0 1 8 7 3 0 0 | 7/98 | Japan    |       |          | XX       |
|                     | 0 9 9 1 1 9 1   | 4/00 | European |       |          |          |
|                     | 0 1 0 1 2 2 8   | 1/01 | PCT      |       |          |          |
|                     | 7 8 3 1 4 8     | 7/97 | European |       |          |          |
|                     | 7 2 0 9 6 8     | 1/95 | Japan    |       |          | XX       |
|                     | 6 2 0 2 7 5 3   | 7/94 | Japan    |       |          | XX       |
| u                   | 2 0 0 0         | 5/00 | Japan    |       |          | XX       |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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